Work Order ID 100537 Page 1 April-22-13 1:44:06 PM Item ID: D4017-9 Accept *N900040100* Setup Start **Revision ID:** Item Name: Rib Start Qty: 6.00 **Start Date:** 5/06/13 **Cust Item ID:** Required Date: 5/06/13 Req'd Qty: 6.00 **Customer:** Reference: Run Process Plan: 45 Date: 13-04-25 Tooling: Approvals: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ **Tool ID** Tool # Plan Reject Reject Operation Set Up/ Accept Insp. **Work Center ID** Description **Run Hours** Code Qty Otv Number Stamp Draw Nbr **Revision Nbr** D4017 D 100 0.00 17x CC 13-05-23 *100* Large Fab 0.00 Memo Large Fab 1- Cut tube as per dwg D4017 2- Deburr and remove identify marks 110 QC6- Inspect dimensions to drawing 0.00 *110* 0.00 Memo Quality Control

120

Identify as per dwg & Stock Location:

0.00

120
Packaging

Memo

0.00

12x CC 13-05-23

Packaging

NCR: Yes / No WORK ORDER NON-CONFORMANCE / UPDATE															
	•									QA Closed:	Date:				
Work Orde	ıř.				DISPOSITION AGAINST D						DEPARTMENT/PROCESS				
Part N					Rework Scrap]		Skid-tube Machining	Crosstube Small Fab	Pro	Water Jet d. Eng. Coor.	Engineering Quality			
NCR N	lo.				Use-as-is Work Order Update			noforming Large Fab	Finishing Composite	Rec/Sto	re/Packaging Supplier	Other .			
Root				Descri	ption of work order update	1	nitial	Act	tion	Sign &					
Cause	Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Desci	ription	Date	Verification	QC Inspector			
Doc/Data		1													
Equip/Tooling		ļ	1												
Operator	_														
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Setup	_		ŀ												
Other			1												
Process	_				•										
Supplier Training			<u> </u>			1									
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Oliappioved 1		1	<u> </u>	l		AUL	T CATE	GORY		<u> </u>		<u> </u>			
Landir	ng Gear				General										
	Bending			·	Bend		Grain			Ovalized		Pressure/Forced			
		ot Conce	ntric to	o/s	BOM/Route	П	Hardwa	re		Over/Under	tolerance	Temperature/Cure			
	Cracks				Broken/Damaged	П	Inspecți	ion incomplete		Part Incorred	ct	Weld			
ļ	Crushed	/Crimped			Burrs		Instruct	ions Incomplete/I	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled			
	Cuffs				Contamination		Mainte	enance	Γ	Part Moved		_			
	Heat Tre	at			Countersink		Mislabe	eled		Positioned V	Vrong				
	Inspection	n Strip in	Tube		Cut Too Short		Misread	i i		Power Loss/	Surge	Other			
·	Ripples i	n Bend			Drill Holes	Offset									

Out of Calibration

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence
Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

Work Ord April-22-13 1:4		00537		*100					Page 2			
Item ID: Revision ID: Item Name:	D4017-9 Rib			Accept	*N900	040	100)*	Setup	Start Stop	*N:	S1* S2*
Start Date: Required Date: Reference:	5/06/13 : 5/06/13	Start Qty: 6.00 Req'd Qty: 6.00	*6* *6*		Cust Item I Customer:	D:						
Approvals:	Process Plan: Date: Date:			Tooling: SPC (Y/N):	Date: Date:				Run	Start Stop	*N *N	R1* R2*
Sequence ID/ Work Center I 130 *130* QC Quality Control	D	Operation Description QC21- Final Inspection Memo	Work Order Release	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accep Qty	t Re Qt	•	Reject Number	Insp. Stamp

13-5-20

											DQA:	Date	::					
NCR: Yes / No WORK ORDER NON-CONFORMANCE / UPDATE																		
											QA Closed:	Date	:					
Work Orde	r:					DISPOSITION		AGAINST DEPARTMENT/PROCESS										
Part N						Rework Scrap			Skid-tube Crosstube Machining Small Fab			Water Jet d. Eng. Coor.	Engineering Quality					
NCR N	o					Use-as-is Work Order Update]		oforming Large Fab	Finishing Composite	Rec/Sto	Other						
Root		<u> </u>		Desc	rip	tion of work order update		nitial	Act	tion	Sign &	· · · · · · · · · · · · · · · · · · ·						
Cause	Date	Step	Qty		O	r Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector					
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etup																		
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raining																		
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FAULT CATEGORY																		
Landin	g Gear			-	_	General		•		,								
	Bending			<u> </u>	_	Bend	<u></u>	Grain			Ovalized		Pressure/Forced					
1	Centre N	ot Conce	ntric to	o/s	_	BOM/Route		Hardwa	re		Over/Under		Temperature/Cure					
	Cracks			L		Broken/Damaged	L	Inspecti	on Incomplete		Part Incorred	ct _	Weld					
	Crushed/	'Crimped		· L	_	Burrs	<u> </u>	4	ions Incomplete/	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled					
	Cuffs					Contamination		Mainte	nance		Part Moved							
	Heat Trea	at		L		Countersink		Mislabe	led		Positioned V		_					
	Inspectio	in Strip in	Tube	Ĺ		Cut Too Short		Misread			Power Loss/	Surge	Other					
	Ripples in	n Bend		L	╝	Drill Holes		Offset										
	Torque V	Vaves in I	Extrusio	n [Drawing	Ŀ	Out of 0	Calibration									
ſ	Turning	Sequence	1		٦	Finish	1	Out of S										

Outside Dimensions

Wave/Twist in Tube

Folio

Picklist Print

April-22-13 1:44:06 PM

Work Order ID:

100537

Parent Item:

D4017-9

Parent Item Name:

Rib

Start Date: 5/06/13

Required Date: 5/06/13

Page 1

Start Qty: 6.00

Required Qty: 6.00

Comments:

IPP RevA: new issue DD 09.11.26 verified by:EC

IPP Rev:B as per dwg RevA DD

10.03.06 verified by:EC

Rev:D as per dwg revC DD 10.08.18 verified by:EC

IPP Rev:C as per dwg RevB DD 10.04.16 verified by:EC

IPP Rev:E 11.01.17 chg qc5 to 6 DD

verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.500W.049		Purchased	No .			100	f	1,065.9843	2.28166	14.410484	מ מ	12 0	
Square Tubing												13-5	-23

Loc Qty Location 1065.984331 WA006 0.00001534 118460 122938 224.3 198.684316 123565 643 125062

Loc Code

												DQA:	Da	ate:			
NCR:	Yes	/ No				WORK ORDER NON-	NFORM		·								
										J. 112	Q.	A Closed:	Da	ate:			
Work Ord	٠.					DISPOSITION		AGAINST DEPARTMENT/PROCESS									
WORK OIG	ет.					Rework	7		Skid-tube	Crosstube	7		Water Jet		Engineering		
Part 1	No.					Scrap	1	•	Machining	Small Fab	1	Pro	d. Eng. Coor.	-	Quality		
						Use-as-is	7	Thern	noforming	Finishing]	Rec/Stor	e/Packaging		Other		
NCR I	No.					Work Order Update			Large Fab	Composite			Supplier				
Root					Descri	ption of work order update	Τ	Initial	Ac	tion	T	Sign &					
Cause		Date	Step	Qty		or Non-conformance	Ct	nief Eng	Desc	ription	1	Date	Verificatio	'n	QC Inspector		
Doc/Data								`									
Equip/Tooling			i		S ic								·				
Operator			, .														
Material				1.	, ,												
Setup											Ì						
Other			ł														
Process																	
Supplier																	
Training																	
Unapproved																	
						· · · · · · · · · · · · · · · · · · ·	FAU	LT CATE	GORY								
Landi	ing (Gear				General	_	-	•	_	_			_	1		
		Bending			L	Bend	L	Grain			_	valized		$oxed{oxed}$	Pressure/Forced		
	L	Centre N	ot Conce	ntric to	o/s	BOM/Route	L	Hardwa	re		၂၀	ver/Under	tolerance		Temperature/Cure		
		Cracks				Broken/Damaged	L	Inspecti	ion Incomplete	ļ	Pa	art Incorrec	et e		Weld		
		Crushed/	Crimped			Burrs		Instruct	ions Incomplete/	Unclear	Pa	Part Lost/Missing Wrong Sto					
		Cuffs				Contamination		Mainte	enance		Pa	rt Moved	-				
		Heat Tre	at			Countersink		Mislabe	eled		Po	sitioned V	Vrong	_			
		Inspectio	n Strip in	Tube		Cut Too Short		Misread	ŧ		Pc	Power Loss/Surge			Other		
		Ripples in	n Bend			Drill Holes		Offset		_							

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

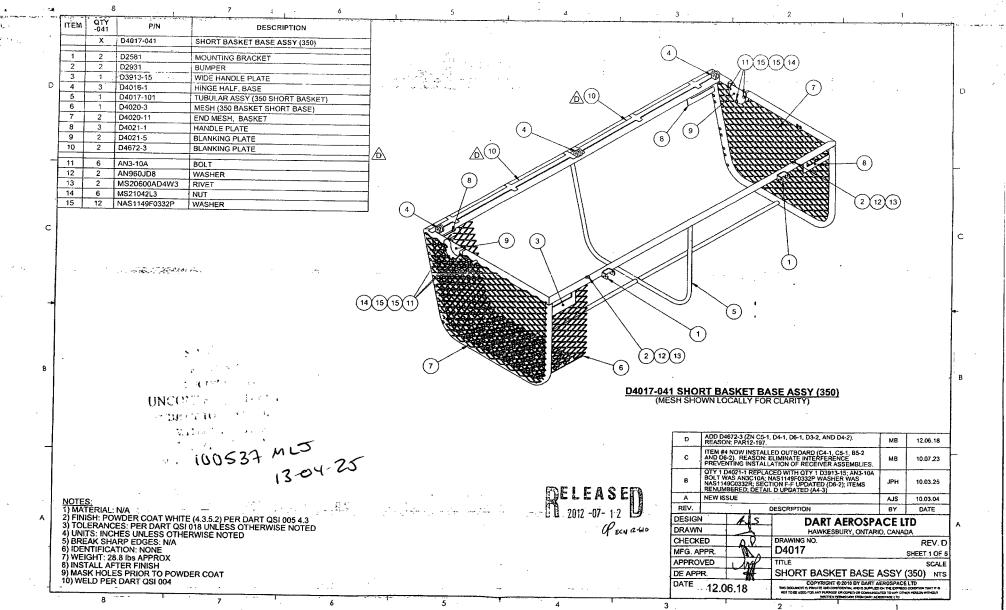
Torque Waves in Extrusion

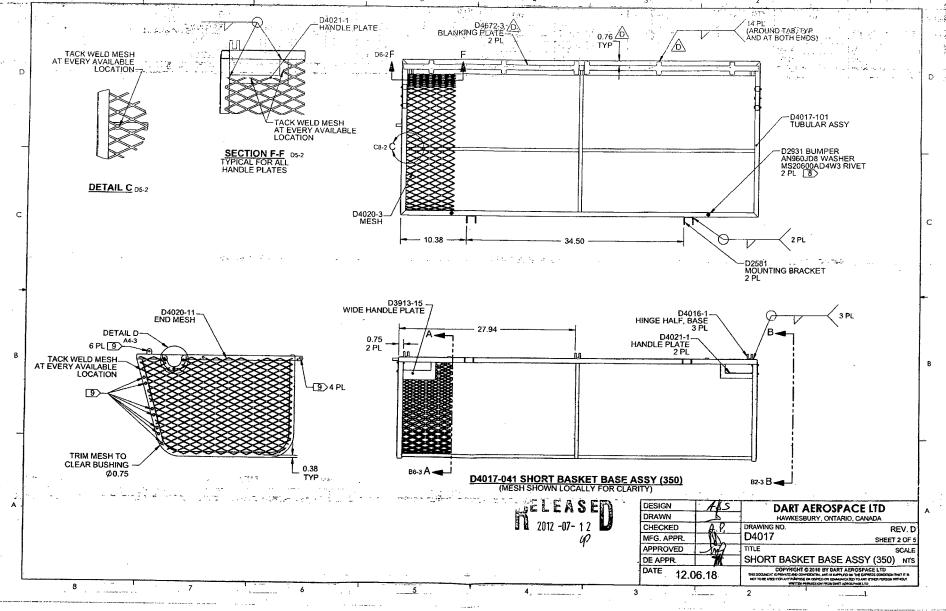
Drawing

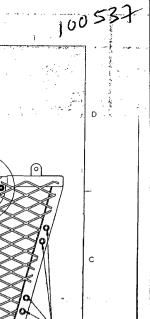
Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

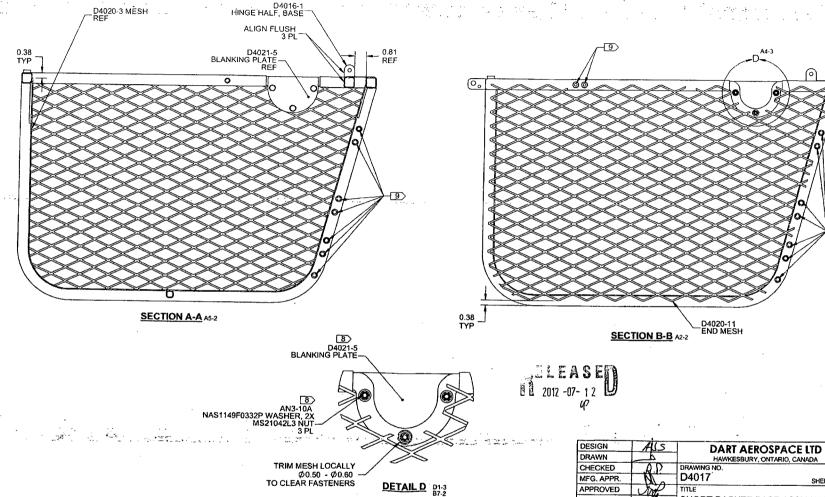


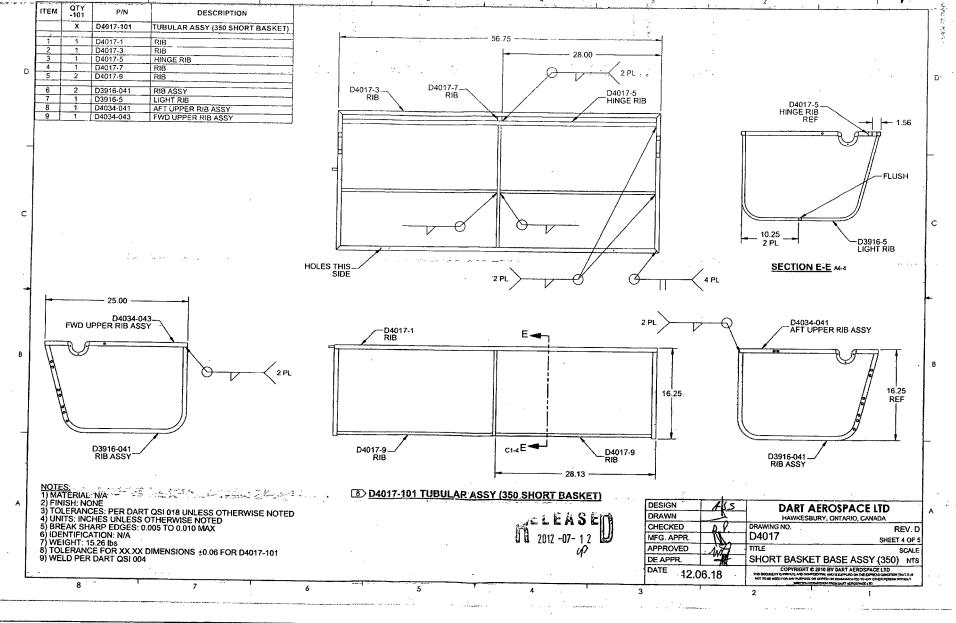




REV. D

DE APPR. 12.06.18





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